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(54) Title: CELLULAR TISSUE CULTURE SYSTEMS FOR HIGH-VOLUME PROCESSING

(57) Abstract: Tissue culture medium such as porous frameworks (3) and even open surface multidirectional porous frameworks may be used to provide uniform distribution of nourishment solutions (24), uniform interstitial voids (7) as well as undistorted transport fields (32) which may facilitate high volume yields of finished plants from cells, such as explants (1) in a tissue culturing process. Further embodiments may include automating a tissue culturing process to reduce labor costs and increase uniformity of finished plants through tissue culture processes.



WO 2005/084212 A3